## What is claimed is:

1. An actinic radiation curable composition, comprising a photo-acid generating agent selected from the group consisting of compounds represented by General Formulas (I) - (III):

General Formula (I)

$$R_2$$
 $S_1$ 
 $R_3$ 

General Formula (II)

$$\begin{array}{c|c}
R_7 & R_6 \\
 & S_2
\end{array}$$

$$\begin{array}{c|c}
R_4 \\
 & S_3
\end{array}$$

$$\begin{array}{c|c}
R_4 \\
 & S_5
\end{array}$$

General Formula (III)

$$R_{8}$$
 $X$ 
 $S_{4}$ 
 $R_{10}$ 
 $S_{6}$ 
 $R_{11}$ 
 $S_{5}$ 
 $X$ 
 $R_{13}$ 

wherein  $R_1$  -  $R_{13}$  each represents a hydrogen atom or a substituent, provided that  $R_1$  -  $R_3$ ,  $R_4$  -  $R_7$  and  $R_8$  -  $R_{13}$  do not represent a hydrogen atom at the same time,

 $S_1$  -  $S_6$  each represents a sulfur atom,

a maximum bond distance between  $S_1$  and the adjacent C atom in General Formula (I), a maximum bond distance between  $S_3$  and the adjacent C atom in General Formula (II), a maximum bond distance between  $S_4$  and the adjacent C atom and a maximum bond distance between  $S_5$  and the adjacent C atom in General Formula (III), are 0.1686-0.1750 nm, respectively, and X represents a non-nucleophilic anion group.

- 2. The actinic radiation curable composition of claim 1, comprising a photopolymerizable monomer having an oxetane ring in the molecule.
- 3. The actinic radiation curable composition of claim 1, comprising a photopolymerizable monomer having an oxirane group in the molecule.
- 4. The actinic radiation curable composition of claim 1, comprising the following photopolymerizable monomers:

(a) a compound having at least one oxetane ring in the molecule in an amount of 60 - 95 weight percent;

- (b) a compound having at least one oxirane group in an amount of 5-40 weight percent; and
- (c) a vinyl ether compound in an amount of 0-40 weight percent,

each weight percent being based on the total weight of the composition.

- 5. The actinic radiation curable composition of claim 1, comprising the following photopolymerizable monomers:
- (a) a compound having one oxetane ring in the molecule; and
- (b) a compound having at least two oxetane rings in the molecule.
- 6. The actinic radiation curable composition of claim 1, having a viscosity of 7-50 mPa·s at 25 °C.
- 7. The actinic radiation curable composition of claim 1, comprising a pigment.

8. An image forming method using the actinic radiation curable ink of claim 7, comprising the steps of:

- (a) jetting a droplet of the ink from a nozzle of an ink-jet recording head to form an image onto a recording material; and
- (b) irradiating the image with an actinic ray, wherein the irradiation step is carried out between 0.001 and 2.0 seconds after jetting the droplet of the ink.
- 9. An image forming method using the actinic radiation curable ink of claim 7, comprising the steps of:
- (a) jetting a droplet of the ink from a nozzle of an ink-jet recording head to form an image onto a recording material; and
- (b) irradiating the image with an actinic ray, wherein after the irradiation step, a thickness of the ink on the recording material is 2 20  $\mu m\,.$
- 10. An image forming method using the actinic radiation curable ink of claim 7, comprising the steps of:
- (a) jetting a droplet of the ink from a nozzle of an ink-jet recording head to form an image onto a recording material; and

- (b) irradiating the image with an actinic ray, wherein a volume of the droplet of the ink jetted from the nozzle is  $2-15\,\mathrm{pl}$ .
- 11. An ink-jet recording apparatus for the image forming method of claim 8, wherein the actinic radiation curable ink and the recording head is heated to 35 100 °C before the jetting step is carried out.